

## WHAT WE OFFER

We offer the following services for our customers:

- Eclipse EMF/GMF consultation
- AUTOSAR compliant tool-chain development with automatic resource mapping and communication scheduling (LIN, CAN, FlexRay)
- Service-Availability Forum consultation and education
- Design and validation of IT system monitoring configurations
- Dependability consolidation of IT



system architectures

- ITIL compliant design of IT system management structure
- Business process optimization and dependability analysis
- Education in our R&D topics
- Automatic &

compact code generation for micro-controllers.

## OPTXWARE LTD.

### OVERVIEW OF SERVICES

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## OUR SERVICES

**OptXware** offers its customers professional services that include business systems dependability consulting, IT systems dependability assessment and customized training on dependability. Dependability is the ability of an entity to deliver services on which a user can rely.

### Embedded Systems

One of the key business areas of

OptXware is embedded systems development, where we offer services in Eclipse based tool integration and MDD (model-driven development) compliant tool-chain development. Our recent activities

include optimization based system synthesis, software-hardware integration, and communication synthesis, including the scheduling of various



core network protocols (e.g. TTP/C, FlexRay). We have experience in code generation for UML2.0 compliant state-charts based on a formal behavioral semantics and system architecture configuration generation.

### IT System Management

OptXware's system management portfolio builds on IBM Tivoli products and provides dependability consolidation services. Dependability consolidation is a novel solution that includes in-depth analysis of business systems and their technology infrastructure for identification of risk areas. Our recent offerings include IBM CCMDB based validation of IT configurations. Customers can be sure that the configuration of their IT system is free of ambiguities and unexpected functional and QoS properties. Dependability consolidation of IT infrastructures helps to identify resource faults that can lead to service level problems and SLA breaches. In virtualized environments using optimal virtualization architecture generation, customers will have a validated, dependable virtual server architecture with optimal resource utilization leading to reduced cost of ownership.

### Education

OptXware offers its customers a rich set of regular and custom courses on various R&D subjects e.g. in topics of plug-in development in Eclipse, model-based software development and system modeling in UML for business applications and embedded systems, principles of high availability design with SA Forum AIS, data modeling and SQL.

### Who We Are

OptXware Ltd. is a Hungary based company which focuses on research oriented development services in the embedded and IT management field. OptXware was established in 2005 by a team of IT and dependability experts of the Fault-tolerant Systems Research Group of the Budapest University of Technology and Economics.

